Assignment 1:

Agile Project Planning - Create a one-page project plan for a new software feature using Agile planning techniques. Include backlog items with estimated story points and a prioritized list of user stories.

Agile Project Planning: FoodiePal
Feature Description: Meal Recommendation System

- ❖ **Backlog Items:**
  1. **User Preferences Setup**
     - Allow users to choose their food preferences, like dietary restrictions and favorite cuisines.
     - Story Points: 3
  2. **Meal Recommendation Algorithm**
     - Create an intelligent system that suggests meals based on user preferences and past orders.
     - Story Points: 8
  3. **Integration with Restaurant Menus**
     - Connect the recommendation system with restaurant menus to suggest relevant dishes.
     - Story Points: 5
  4. **User Feedback Collection**
     - Enable users to give feedback on recommended meals to improve future suggestions.
     - Story Points: 3
  5. **Personalized Meal History**
     - Provide a section where users can see their past recommended meals and ratings.
     - Story Points: 5

- ❖ **Prioritized User Stories:**
  1. **Setting Food Preferences**
     - Priority: High
     - Story Points: 3
     - As a user, I want to set my food preferences to get personalized meal recommendations.
  2. **Receiving Meal Recommendations**
     - Priority: High
     - Story Points: 8
     - As a user, I want to get meal suggestions based on my preferences and past orders.
  3. **Integration with Menus**
     - Priority: Medium

- Story Points: 5
- As a user, I want the system to suggest dishes from restaurant menus seamlessly.
  4. **Providing Feedback**
     - Priority: Medium
     - Story Points: 3
     - As a user, I want to give feedback on recommended meals to improve future suggestions.
  5. **Viewing Meal History**
     - Priority: Low
     - Story Points: 5
     - As a user, I want to see my past recommended meals and how I rated them.

- ❖ **Project Plan:**
  1. Sprint 1:
     - ✓ User Preferences Setup (3 points)
     - ✓ Meal Recommendation Algorithm (8 points)
  2. Sprint 2:
     - ✓ Integration with Restaurant Menus (5 points)
  3. Sprint 3:
     - ✓ User Feedback Collection (3 points)
  4. Sprint 4:
     - ✓ Personalized Meal History (5 points)

Assignment 2:

Daily Standup Simulation - Write a script for a Daily Standup meeting for a development team working on the software feature from Assignment 1. Address a common challenge and incorporate a solution into the communication flow.

Daily Standup Meeting Script: FoodiePal Development Team

Date: [07/05/2024]
Time: [01:30]
Location: [Virtual Meeting Room (MS TEAMS)]
Attendees: [3]

Facilitator: Good [Morning/Afternoon] everyone! Let's start our daily standup meeting. We'll go around and share what we did yesterday, what we're planning for today, and if there are any challenges we're facing.

Developer 1: Yesterday, I worked on setting up user preferences. I had some trouble with the database, but I fixed it by asking our database expert. Today, I'll keep working on user preferences and start on the meal recommendation part. No problems so far.

Developer 2: Yesterday, I focused on improving the meal recommendation system. It's going well, but I got stuck when trying to make it faster. I'll ask our algorithm expert for help today. Also, I'll begin connecting with restaurant menus.

Developer 3: Yesterday, I was busy connecting the recommendation system with restaurant menus. I had some trouble with the API, but our backend team helped me fix it. Today, I'll keep working on that and start collecting feedback from users.

Facilitator: Thanks for sharing, everyone. It sounds like we're making good progress, even though we've faced some challenges.

- ❖ **Common Challenge Addressed:**
  Facilitator: I've noticed some of us need help from other team members or specialists, which is okay. To make it easier, let's follow these steps:
  - Try to Fix It Yourself: Spend some time trying to solve the problem on your own.
  - Ask for Help: If you can't fix it, ask the right person for help.
  - Keep Track: Write down what went wrong and how you fixed it. It'll help us learn from our mistakes.

- ❖ Let's keep each other updated on any challenges we face.
  Developer 1: That makes sense. I'll remember that.
  Developer 2: Yeah, I'll do that too.
  Facilitator: Great! Let's keep working together. If you need help or have any questions, just ask.
  Developer 3: Got it. Thanks, everyone!
  Facilitator: That's it for today's standup. Let's keep up the good work and have a great day, everyone!

Time: [02:30]